

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO.	SERIAL NO.
	22221/1190	Continuation of 09/716,964
	APPLICANT	
	O'Donnell, et al.	
	FILING DATE	GROUP ART UNIT
	Herewith	To Be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
RH	1	5,192,674	03/09/1993	Oshima et al.	435	194	
	2	5,242,818	09/07/1993	Oshima et al.	435	194	
	3	5,322,785	06/21/1994	Comb et al.	435	194	
	4	5,352,778	10/04/1994	Comb et al.	538	237	
	5	5,374,553	12/20/1994	Gelfand et al.	435	2523	
	6	5,413,926	05/09/1995	Oshima et al.	1	194	
	7	5,500,363	03/19/1996	Comb et al.	1	194	
RK	8	5,545,552	08/13/1996	Mathur	435	2523	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE
RH	9	WO 91/09950	07/11/1991	WIPO	—	—	
RH	10	WO 93/15115	08/05/1993	WIPO	—	—	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

RH	11	Rudinger, "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence," In: Peptide Hormones, Ed. J.A. Parsons. University Park Press, Baltimore, MD, pages 1-7 (1976)
	12	Ngo et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," In: The Protein Folding Problem and Tertiary Structure Prediction, Eds. Merz et al., Birkhauser et al., Boston, MA, pages 491-495 (1994)
	13	Thornton et al., <u>Current Opinion in Biotechnology</u> 6(4):367-369 (1995)
	14	Wallace, <u>FASEB Journal</u> 7:505-515 (1993)
RT	15	McHenry et al., <u>J. Mol. Biol.</u> 272:178-189 (1997)
EXAMINER		DATE CONSIDERED 1/18/00
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
RA	16	5,583,026	12/10/1996	O'Donnell	435	199	
	17	5,618,711	04/08/1997	Gelfand et al.			
	18	5,624,833	04/29/1997	Gelfand et al.			
	19	5,633,159	05/27/1997	Pearson et al.			
	20	5,736,373	04/07/1998	Hamilton		199	
	21	5,744,312	04/28/1998	Mamone et al.		6	
	22	5,789,224	08/04/1998	Gelfand et al.		199	
RA	23	5,830,714	11/03/1998	Swaminathan et al.	435	21.2	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

RA	24	Yurieva et al., <u>J. Biol. Chem.</u> 272(43):27131-27139 (1997)
	25	Bukhrashvili et al., <u>Biochimica et Biophysica Acta</u> 1008:102-107 (1989)
	26	Elie et al., <u>Biochimica et Biophysica Acta</u> 951:261-267 (1988)
	27	Pluthero, <u>Nucleic Acids Research</u> 21(20):4850-4851 (1993)
BT	28	Alonso et al., <u>Nucl. Acids Res.</u> 18:6771-6777 (1990)
EXAMINER		DATE CONSIDERED 11/18/06
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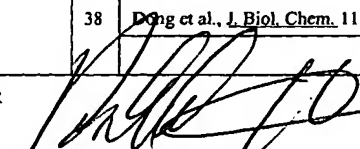
U.S. PATENT DOCUMENTS

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KV	29	5,834,285	11/10/1998	Comb et al.	435	199	
	30	6,066,483	05/23/2000	Riggs et al.	1		
	31	6,100,078	08/08/2000	Riggs et al.	1	199	
	32	6,238,905 B1	05/29/2001	McHenry et al.	1	2923	
	33	6,395,526 B1	05/28/2002	Uemori et al.	435	199	

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

KV	34	Blinkowa et al., <u>Nucleic Acids Research</u> 18:1725-1729 (1990)
	35	Carter et al., <u>J. Bacteriol</u> 175:3812-3822 (1993)
	36	Chen et al., <u>Proc. Natl. Acad. Sci USA</u> 5211-5215 (1992)
	37	Cullman et al., <u>Mol. Cell Biol.</u> 150:4661-4671 (1995)
	38	Dong et al., <u>J. Biol. Chem.</u> 11758-11766 (1993)
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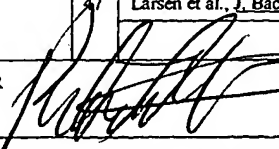
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

26 	39	Flower et al., <u>Proc. Natl. Acad. Sci. USA</u> 87:3713-3717 (1990)
	40	Guibus et al., <u>Cell</u> 87:297-306 (1996)
	41	Jack et al., <u>Cell</u> 55:447-458 (1988)
	42	Kelman et al., <u>Curr Opin Gen & Dev</u> 4:185-195 (1994)
	43	Kong et al., <u>Cell</u> 69:425-437 (1992)
	44	Kornberg et al., <u>DNA Replication</u> , 2 nd ed. New York: W.H. Freeman com, pp. 165-194 (1992)
	45	Krishna et al., <u>Cell</u> 79:1233-1243 (1994)
	46	Kuriyan et al., <u>J. Mol. Biol.</u> 234:915-925 (1993)
	47	Larsen et al., <u>J. Bact.</u> 176:6842-6851 (1994)
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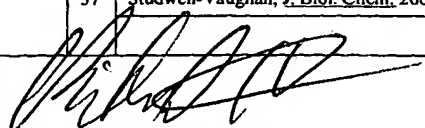
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<div style="text-align: center;">RK</div> <div style="text-align: center;"> </div>	48	Lee et al., <u>Proc. Natl. Acad. Sci. USA</u> 84:2713-2717 (1987)
	49	Maki et al., <u>J. Biol. Chem.</u> 263:6570-6578 (1988)
	50	McHenry et al., <u>J. Biol. Chem.</u> 257:1657-1663 (1982)
	52	O'Donnell et al., <u>Mol. Cell Biol.</u> 3:953-957 (1992)
	53	O'Donnell et al., <u>Nucl. Acids Res.</u> 21:1-3 (1993)
	54	Onrust et al., <u>J. Biol. Chem.</u> 270:13366-13377 (1995)
	55	Onrust et al., <u>J. Biol. Chem.</u> 266:21681-21686 (1991)
	56	Perrino et al., <u>Biochemistry</u> 29:5226-5231 (1990)
	57	Studwell-Vaughan, <u>J. Biol. Chem.</u> 266:19833-19841 (1991)
	EXAMINER	<div style="text-align: center;">  </div>
DATE CONSIDERED		1/12/02

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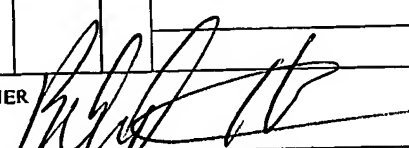
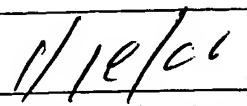
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PK f	58	Stukenberg et al., <u>J. Biol. Chem.</u> 266:11328-11334 (1991)	
	59	Tsuchihashi et al., <u>Proc. Natl. Acad. Sci. USA</u> 87:2516-2520 (1990)	
	60	Tsuchihashi et al., <u>Gen. & Dev.</u> 6:511-519 (1992)	
	61	Tsuchihashi et al., <u>J. Biol. Chem.</u> 264:17790-17795 (1989)	
	62	Weiss et al., Cold Spring Harbor Symposia on Quantitative Biology, 52:687-693 (1987)	
	63	Yin et al., <u>Nucl. Acids Res.</u> 14:6541-6549 (1986)	
	64	Yuzhakov et al., <u>Cell</u> 86:877-886 (1996)	
	65	Ngo et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox, in The Program Folding Problem and Tertiary Structure Prediction, Merz et al. (ed.), Birkhauser, Boston, MA, pp. 433 and 492-495 (1994)	
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